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BARG NEWS



**Monthly Newsletter of the
Ballarat Amateur Radio Group**

81/08 02

Ballarat Amateur Radio Group

VK3BML

P.O. BOX 216E
BALLARAT EAST, VICTORIA, 3350

COMMITTEE 1981/82

POSITION	NAME	CALLSIGN	TEL(H)	TEL(W)
PRESIDENT	DICK ANTOSIEWICZ	VK3VSE/XCV	323273	321818
VICE PRESIDENT	ERNIE TURNER	VK3DET	326964	370375
SECRETARY	HENRY MORITZ	VK3VMO	327569	301800
ASS. SECRETARY	DICK FORRESTER	VK3VU	357663	391005
TREASURER	KEITH GRADY	VK3NWN	→ 327016	370271
TECH OFFICER	PHIL SEDDON	VK3AQM	315220	313166
QSL/AWD MGR	MAURIE BATT	VK3-13062	422245	*****
PUBLICITY	GEORGE LANCE	VK3DS	323226	*****
EDUCATION	JIM HUMPHREYS	VK3ANH	321613	321719
NEWSLETTER	CLEM JARVIS	VK3YDI	314179	321951
COMMITTEE	BILL JOHNSON	VK3VYP	*****	SKIPTON 22
COMMITTEE	IAN COLLIER	VK3BQC	358989	358067
COMMITTEE	GEORGE FOWLER	VK3VEI	326863	391954
COMMITTEE	HANK HILVERTS	VK3NIA	393332	*****

THE BALLARAT AMATEUR RADIO GROUP MEETS ON THE LAST FRIDAY OF EACH MONTH AT 7.30pm. THE MEETINGS ARE HELD AT THE BALLARAT EDUCATION CENTRE IN HOPETOUN ST BALLARAT 3350.

REGISTERED BY AUSTRALIA POST-PUBLICATION No. VBH3397

Cliff PAF also proposed the start of a local 80m net, to help (among other things) to promote local club activities and awards. This was accepted and the tentative time was arranged as Thursday nights, 10.00GMT on 3.620MHz

Ernie DET then briefly spoke about his job as the local intruder watch coordinator and asked members to keep records and/or log entries for further processing and to pass them to the intruder watch net, if possible (Thurs. 8PM, 3.540MHz)

The official meeting closed at 8.30 PM

Three films were then shown, after a brief coffee pause, which dealt with various aspects of ham radio and propagation in general; - even if their vintage was somewhat evident, members did enjoy them and we wish to thank the organizers for their efforts. Jolly good show, chaps.

Brief mention was also made of the coming club participation in the BCAE open day effort and volunteers were called for.

Post script:

Since the meeting, the local net has been in operation, with Cliff PAF as the MC at the helm and, by all accounts, he did a real sterling job with nobody knowing just how much he sweated (hi). Participation was just great and our president even managed to (finally) qualify for the Ballarat award. (Whew!) If this keeps up, - who knows where it will lead?

TOMORROW... THE WORLD!!

AND FURTHERMORE.....:

The BCAE affair also went off quite handsomely, I hear, with the local lads doing their thing under rather trying conditions with an admiring public awestruck by their wizardry. Even were taken to lunch, by one of the BCAE "heavies" - wow! Watch for further developments.

HARD-LUCK-STORY OF THE MONTH:

Heard about the poor misguided local lad who tried, alas with no great success, to strike up a CW conversation with the local beacon? Boy, DID he try. For quite a while, I hear. No answer, though. The darn thing just gave him the pip. Stiff chedd, mate.

EDITORIAL and etc.

It's good to see so much effort being put into the magazine. I've had nothing to do with the other five pages which have been assembled by Dick and passed to me for printing. It will be a new format and comment is welcome. It seems that the movement towards the establishment of clubrooms for our group has somewhat died - if you have heard or would like to hear or see more done let me know and something may yet grow out of the idea. Increased sales tax to 30% on new electronic (or at least some) electronic components and equipment should provide a gentle nudge towards thoughts of budget radio. I will agree that there is a great deal (ref. to "Local QRM" para 3, page 5) that there is a deal of material lying around shacks that could be put to better use - so could this magazine - write today. If three (that's a new variation of there) are 100 licenced amateurs around Ballarat and I'm printing 70 copies of the magazine where are all the potential club members? That's about it folks. Please write and let ^{me} (and the rest of the club) know if you hear of any thing that may be of interest to others.

Clem Jarvis 210 Humeffrey St. Nth. Ballarat 314179.

FOR SALE - ICOM IC202S - 144-146 MHz, includes satellite frequencies. USB, LSB and C.W. 3watts p.e.p.
Price - a steal at \$235 ONO.
Contact - Ernie DET B/H 370375, A/H 326964.

WANTED - One or two push pull to speaker valve type audio output transformers.
Clem Jarvis.

PRODUCT REPORT.....PRODUCT REPORT.....PRODUCT REPORT.

Number two of a series - the phantom reports.....read on.. This month again from the depths of the Pandj jungle the hunter has returned with a - 3.579543 Colour Burst Crystal. (That's supposed to be Megahertz). At a cost of \$2.99 it makes a joke of turning that black and white T.V. chassis into an effective 80 metre transmitter. (or even a simple transceiver?). Does anyone accept the challenge. Perhaps a competition-the "Phantom Development Award" will be judged at the field day site next year, for the T.V. chassis that can make the longest 80 metre contact. (Distance that is.)

The rest of this page was reserved for your contribution.....

TENKO 2Mx FM TRANSCEIVER 12W OUTPUT
 FITTED WITH REPEATERS 2,7,8, and SIMPLEX 40.
 ALL SOLID STATE WITH SEPARATE RF GAIN CONTROL

A STEAL AT \$100.00
SEE DICK VK3VSE/XCV

WANTED

7360 VALVES AS USED IN THE FT-200 MODULATOR CIRCUIT

JIM VK3ANH

WANTED

A KEY PADDLE SIMILAR TO THE BENCHER TYPE AS SEEN
 IN CQ MAGAZINE, TO BE USED WITH AN ELECTRONIC KEYSER.

SEE DICK VK3VU

BELOW IS AN EXTRACT FROM THE UNIFORM BUILDING REGULATIONS COVERING THE
 ERECTION OF TOWERS AND MASTS. A FULL ARTICLE SHOWING THE LOCAL BUILDING
 SURVEYORS REGULATIONS WILL APPEAR IN THE NEXT NEWSLETTER.

**3139. Erection of Wireless and Television Masts and
 Towers.—**

- (a) Except where the consent of the Council has been obtained, masts, poles, aeriels and antennae used in conjunction with the transmission or receipt of wireless, telegraphy or television shall not—
- (i) exceed a height of 8 m above ground level when not attached to a building; or
 - (ii) exceed a height of 3 m above the highest point of the roof covering when attached to a building;
- (b) In all cases where such masts, poles, aeriels and antennae are to be erected, the Building Surveyor may require that they be demonstrated to be structurally sound.

The following nets are run on a regular basis for the benefit of amateurs in this area and need your support for success:

INTRUDER WATCH	Thursdays	3540 KHz	1000Z
WESTERN ZONE (WIA)	Wednesdays	3585 KHz	1000Z
BALLARAT CLUB	Thursdays	3620 KHz	1000Z
WELCOME STRANGER 10-x	Sundays	28.530MHz	0000Z

CLUBROOMS ACQUISITION COMMITTEE

At the July general meeting the following committee was elected to co-ordinate efforts of the club in obtaining their own rooms. If you have any ideas or information which you think may be of assistance then please let one of the committee members know. The members are as follows:

Hank VK3NIA
 Bill VK3VYP
 Dick VK3XCV/VSE
 Bill VK3VVX
 Ian VK3BQC

81/08 04

REPORT ON THE MONTHLY MEETING, B.A.R.G. 30th July 1981

Opening at 7.40 pm, the meeting was not as well attended as usual, with less than 25 members present. Apologies were tendered from Maurie, Jack Reed, George DS, NWV,

A visitor, Ron Gray, was welcomed to the meeting

(Accepted: VYP/VU)

Bus. Arising: Jim Humphries queried the position of education officer and was advised that this was a hon. Pos. and not necessarily a committee matter, requiring no official status.

TREAS. REPT.: Keith NWN submitted his monthly statement which showed the group's finances in good shape with a credit balance of \$795.25. As previously agreed, a further \$500 was to be invested with VS&L, keeping only some reasonable working capital in the bank account.

QSL & AWARDS: Maurie being ill, Dick VSE reported that the VK3 outward manager had had a stroke and would be unable to take this job any longer. All outward cards should be held until advised otherwise; there also seems to be some problem with inward QSLs, leaving most hams high and dry for the time being. 15 more DX widow awards and 1 Begonia award had been issued during the month.

PUBLICITY REPT.: As George DS stated at the recent committee meeting, we are now obliged to make an effort with the U.S.-Ballarat award and it will have to be re-designed to make publication (production) costs appropriate to the numbers of applications (79 in all). Matters are in hand to get this done.

* EDUCATION REPT.: Jim Humphries reported that the novice course was on target with about 12 starters, numbers generally a little lower than before, possibly due to the tapering-off of the "post-CB? boom"

* TECH. REPT.: Dick VU reported that the new helical filter for the repeater has been suitably souped-up and will be re-installed shortly, all going well.

* NEWSLETTER: Some discussion ensued about whether to go to more expensive production, but it was decided to keep costs down as best as we can, rather than rise the fees.

* GENERAL BUSINESS: Bill VYP proposed the formation of a new building committee which will investigate and help with all problems concerning club rooms, new and/or old (Sec. A. Snowball). This committee will consist of Bill VYP, Hank NIA, Ian B(

Bill WYX, Dick XCV

8/08 05

SOME YEARS AGO WHEN I WAS SERVING IN THE ROYAL SIGNALS I WAS INSTRUCTED IN THE USE AND THE FORMATION OF CODES. SO TO DRIVE YOU ALL CRAZY I HAVE PUT TOGETHER SOME FOR YOU TO FIGURE OUT. THERE IS NO PRIZE FOR WORKING THEM OUT, THE ANSWER TO THE PUZZLES WILL BE IN THE NEXT ISSUE. IF YOU CANNOT WAIT TILL THEN I WILL BE GLAD TO TELL YOU ON THE PHONE.

IN THE FOLLOWING EXAMPLES, EACH LETTER REPRESENTS ONE DIGIT FROM 0 TO 9. :AB: REPRESENTS A 2-DIGIT NUMBER (E.G., 61) AND DOES NOT REPRESENT A B. THE CODE DIFFERS FROM QUESTION TO QUESTION BUT IN ANY ONE QUESTION THE SAME LETTER IS USED TO REPRESENT A PARTICULAR DIGIT (AND THIS PARTICULAR DIGIT IS NOT REPRESENTED BY DIFFERENT LETTERS IN THE SAME QUESTION).

EXAMPLE 1.

QUESTION.
(CODED SUM.)

CLUES.

$$A+B = \text{XD.}$$

$$\begin{aligned} A+C &= 12. \\ A &\text{ IS GREATER THAN C.} \\ B &= 3. \end{aligned}$$

THERE IS 3 POSSIBLE ANSWERS TO THIS CODE.

EXAMPLE 2.

QUESTION.
(CODED SUM)

CLUES.

$$\begin{aligned} A, & \text{BCD, EAF + D} \\ &= \text{BGF, CEC.} \end{aligned}$$

$$\begin{aligned} B &= 4\text{XF.} \\ C + B &= 15. \end{aligned}$$

QUESTION.3

.BXOHY
OB
QFHPB
FFYYO
XOXFHB

NIL.

GOOD LUCK IT IS NOT AS HARD AS IT MAY APPEAR.

BCAE OPEN DAY DISPLAY AUGUST 9th 1981

The Ballarat Amateur Radio Group participated in the above open day with great success. Club members manned a display consisting of old and new commercial equipment, home brew equipment, many types of old and new valves, QSL cards and club information sheets. All members manning the display were treated to a very nice lunch which was even delivered to those standing guard over the gear. To those people participating at the event and to those who lent equipment a big thankyou for helping out. It was a great success and has gone a long way to promoting the club.

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LOCAL QRM...LOCAL QRM...LOCAL QRM...LOCAL QRM....

Things come in waves, they say. Seems there is a current spate of "something old, something new" going round. While some members are sprouting new exotic antennae and "black boxes", a few are bitten by the nostalgia-bug and almost half a dozen have recently "acquired" some monstrously heavy surplus RXs, all of 114lbs of it (each)! Whether they actually perform better than the "black boxes" remains to be seen and the incidence of hernias among club members is expected to rise dramatically within the next few weeks. Still, -at THAT price...?

With a recent count of well over 100 registered licensed hams in and around Ballarat, it is surprising that so little use is being made of the FREE advertising this magazine offers. There surely must be truckloads of no-longer-needed gear and parts in many a shack lying idle, while some poor, destitute beginner (sob) is trying to get a set-up together. How about it, guys?

Heard that Bill, VVX had another nasty brush with Davey Jones. Being the hardy, non-destructible type, he got away once more and will still be saturating the airwaves, we hope, for a good many years to come. Keep trying, Bill, -the local net needs you!

Further to the first paragraph, above: Poor ol' Maurie got one of those monsters and found, after trying unsuccessfully, that it was too heavy to shift into the shack. Poor bloke had to take it all to bits and shift it nut-and-bolt-at-a-time, then trying to get it all together again. With HIS ingenuity, he should have enough parts left over to make TWO sets, a cement mixer and a dishwasher for the XYL, maybe? If anyone can, Maurie will!!

Cliff PAF, after his super-human effort on thursday, could not be heard on air for quite a while, afterwards. Must've taken a lot out of him, I think, and he's resting up for the next session no doubt. Or, I suspect, he is busy writing up a witty script for the occasion, as all great performers are known to do??